

EXPORTING I2C CONTROLLER INTERFACES FOR I2C SLAVE DEVICES USING IPMI MICRO-CONTROLLER

ABSTRACT OF THE DISCLOSURE

5 A system and method is provided that allows an Intelligent Platform Management
Interface (IPMI) controller (or another micro-controller that is not a dedicated I2C
controller) to control various Inter Integrated Circuit (I2C) slave devices having I2C slave
drivers without any modification of the I2C slave drivers on the I2C slave devices. The
I2C slave devices can be managed without an external and/or a dedicated I2C master
10 controller. In one embodiment, a translation module is provided to an IPMI micro-
controller that can represent I2C interface to I2C device drivers. In another
embodiment, the translation module can represent an interface for an IPMI controller to
I2C device drivers located in one or more I2C devices and/or I2C controllers.